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## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT

P. A. M. Eagles *et al.*

ZARA

1635

GROUP

June 15, 2001

## U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
JS	AA	4,987,071	01/1991	T Cech <i>et al.</i>	435	91	
	AB	5,037,746	08/1991	T Cech <i>et al.</i>	435	91	
	AC	5,093,246	03/1992	T Cech <i>et al.</i>	435	91	
	AD	5,116,742	05/1992	T Cech <i>et al.</i>	435	91	
	AE	5,354,855	10/1994	T Cech <i>et al.</i>	556	24	
✓	AF	5,591,610	01/1997	T Cech <i>et al.</i>	435	91	
✓	AG	6,025,154	02/2000	Y Li <i>et al.</i>	435	081	06/06/1995

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes      No
JS	AH	WO 97/17433	05/1997	PCT			
	AI	WO 97/41243	11/1997	PCT			
	AJ	WO 97/44055	11/1997	PCT			
	AK	WO 97/45543	12/1997	PCT			
	AL	WO 98/05798	02/1998	PCT			
	AM	WO 98/17308	04/1998	PCT			
	AN	WO 98/34945	08/1998	PCT (Patent Fast-alert Abstract, August 28, 1998 [page BT21] only)			
✓	AO	EP 291533 B	10/1995	EP	✓	✓	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

JS	AR	Graham Simmons <i>et al.</i> , Science 276, April 1997, pgs 276-279, "Potent Inhibition of HIV-1 Infectivity in Macrophages and Lymphocytes by a Novel CCR5 Antagonist"
JS	AS	Christophe Combadiere <i>et al.</i> , The Journal of Biological Chemistry 270, July 1995, pgs 16491-16494, "Cloning and Functional Expression of a Human Eosinophil CC Chemokine Receptor"
✓	AT	Manuel A González <i>et al.</i> , Biochemical and Biophysical Research Communications 251, pgs 592-596 (1998), "A Hammerhead Ribozyme Targeted to the Human Chemokine Receptor CCR5"

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83	AU	Bartolome Federspiel <i>et al.</i> , Genomics 16, pgs 707-712 (1993), "Molecular Cloning of the cDNA and Chromosomal Localization of the Gene for a Putative Seven-Transmembrane Segment (7-TMS) Receptor Isolated from Human Spleen"
	AV	Ritu Goila <i>et al.</i> , FEBS Letters 436 (1998) pgs 233-238, "Sequence specific cleavage of the HIV-1 coreceptor CCR5 gene by a hammer-head ribozyme and a DNA-enzyme: inhibition of the coreceptor function by DNA-enzyme"
	AW	Nava Sarver <i>et al.</i> , Science 247, March 1990, pgs 1222-1225, "Ribozymes as Potential Anti-HIV-1 Therapeutic Agents"
	AX	D G Kim <i>et al.</i> , Molecular and Cellular Biology 12, 1992, pgs 3636-3643, "Construction of a Bifunctional mRNA in the Mouse by Using the Internal Ribosomal Entry Site of the Encephalomyocarditis Virus"
	AY	M Brisson <i>et al.</i> , Gene Therapy 6, 1999, pgs 263-270, "A novel T7 RNA polymerase autogene for efficient cytoplasmic expression of target genes"
	AZ	Larry A Couture <i>et al.</i> , TIG 12, December 1996, "Anti-gene therapy: the use of ribozymes to inhibit gene function"
	AAA	William G Scott <i>et al.</i> , TIBS 21, June 1996, pgs 220-224, "Ribozymes: structure and mechanism in RNA catalysis"
	AAB	John J Rossi <i>et al.</i> , Aids Research and Human Retroviruses 8, 1992, pgs 183-189, "Ribozymes as Anti-HIV-1 Therapeutic Agents: Principles, Applications, and Problems"
	AAC	John M Burke, Nature Biotechnology 15, May 1997, pgs 414-415, "Clearing the way for ribozymes"
	AAD	Andy Coghlan, New Scientist 152 N° 2059, December 1996, pg 24, "Can gene scissors chop up HIV?"
	AAE	Thomas R Cech <i>et al.</i> , Nature 372, 3 November 1994, pgs 39-40, "Hammerhead nailed down"
	AAF	Scientific American, September 1997, pgs 28-35, "In Search of AIDS-Resistance Genes", Stephen J O'Brien <i>et al.</i>
	AAG	C Mark Hill <i>et al.</i> , Nature 382, 22 August 1996, pgs 668-669, "Natural resistance to HIV?"
	AAH	Drew Weissman <i>et al.</i> , Nature 389, 30 October 1997, pgs 981-985, Macrophage-tropic HIV and SIV envelope proteins induce a signal through the CCR5 chemokine receptor"
	AAI	Jon Cohen, Science 275, 28 February 1997, pgs 1261-1264, "Exploiting the HIV-Chemokine Nexus"
	AAJ	Alex Eccleston, Nature Biotechnology 15 (8), August 1997, pgs 709, 711, "Chemokine inhibitors for HIV"
✓	AAK	Ruth I Connor <i>et al.</i> , J Exp. Med., 185 N° 4, February 17, 1997, pgs 621-628, "Change in Coreceptor Use Correlates with Disease Progression in HIV-1 Infected Individuals"

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93	AAL	No author stated, Antiviral Agents Bulletin, 10 Nº 9, September 1997, pgs 261-262, "Trojan Horse Virus Controls HIV <i>In vitro</i> "
	AAM	John J Rossi <i>et al.</i> , BioDrugs 1, January 1998, pgs. 1-10, "Therapeutic Ribozymes: Principles and Applications"
	AAN	Benjamin J Doranz <i>et al.</i> , Cell 85, June 28, 1996, pgs 1149-1158, "A Dual-Tropic Primary HIV-1 Isolate That Uses Fusin and the $\beta$ -Chemokine Receptors CKR-5, CKR-3 and CKR-2b as Fusion Cofactors"
	AAO	Bharat M Chowrira <i>et al.</i> , Journal of Biological Chemistry, 269 Nº 41, October 14 1994, pgs 25856-25864, " <i>In vitro</i> and <i>in Vivo</i> Comparison of Hammerhead, Hairpin, and Hepatitis Delta Virus Self-processing Ribozyme Cassettes".
	AAP	No author stated, Nature Biotechnology 16, July 1998, pg 606, "Piggyback ribozymes"
	AAQ	Sun K Jang <i>et al.</i> , Journal of Virology 63, April 1989, pgs 1651-1660, "Initiation of Protein Synthesis by Internal Entry of Ribosomes into the 5' Nontranslated Region of Encephalomyocarditis Virus RNA <i>In Vivo</i> "
	AAR	R Tritz <i>et al.</i> , AIDS Weekly Plus, May 19 1997, pg 31, "Development of Novel anti-CCR5 Hairpin Ribozyme: Treatment for HIV Infections"
✓	AAS	Georges Herbein <i>et al.</i> , Nature 395, September 1998, pgs 189-194, "Apoptosis of CD8 <sup>+</sup> Tcells is mediated by macrophages through interaction of HIV gp 120 with chemokine receptor CXCR4"

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Form PTO-FB-A820 (also PTO-1449)

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**Examiner Init.**

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Form PTO-FB-A820 (Also PTO-1449)